

SNI

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UDC.

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52.3 Ventilation

52.3.1 Natural ventilation. The free aperture cross-section for the ventilation of the machinery room should amount to at least

$$F = 0.14 \sqrt{m}$$

where

F is the free opening area, in square meters;

m is the mass of the refrigerant charge, in kilogrammes, in the largest plant, any part of which plant is located in the machinery room.

52.3.2 Mechanical ventilation. The output of the mechanical ventilation system should be at least

$$Q = 13.88 \sqrt[3]{m^2}$$

where

Q is the air flow in litres per second;

m is the mass of the refrigerant charge, in kilogrammes, in the largest plant, any part of which plant is located in the machinery room.

52.4 Machine surrounds

These are tight-closing, non-flammable covering for sets of machines which can be partly or wholly removed for work thereon. It should not be possible to enter the surround. Every surround should have a vent, if necessary, leading into the open air.



































